

IT Virtualization and Consolidation

This project will replace and upgrade certain data center servers and associated infrastructure, as well as the install software tools to support server and storage consolidation.

The IT data center server and storage infrastructure has been under increasing pressure for a number of years. Demand for server and storage capacity has been constantly increasing, at times exponentially. New applications and applications that generate vast amounts of data are taxing an infrastructure that has been eroding in efficiency and has become increasingly costly to operate and maintain.

To serve existing operations and maintenance needs and to deliver new products and services, IT identified the need for significant improvements across the full data center lifecycle to modernize the entire data center infrastructure. In 2009, the Data Storage Modernization (DSM) and Data Center Modernization (DCM) projects (eventually known as just DCM) were initiated to address the problem. During its life, the scope of DCM fluctuated as various hardware investments, upgrades, and process initiatives were added. As the extent of the effort became clear, it became apparent that it would be more effective to break DCM into several projects. As a result, the scope of DCM was limited to upgrading the data center infrastructure that supported Critical Business Systems. In April 2012, that work was completed and the DCM project was closed out with the work outside the final scope left to other projects. IVC addresses the remaining non-critical business systems – nearly 300 applications.